

PATENT APPLICATION

Sheet 1 of 1

FORM PTO-1449

ATTY. DOCKET NO.

200300074

APPLICATION NO.

10/614,855

CONFIRMATION NO.

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

APPLICANT

Xiao-An Zhang

FILING DATE

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GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
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	1L				
	1M				
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	1P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Maki-Ontto, Rikka, "Flow and Conductivity Properties of Comb-Shaped Self-Organized Supramolecules," Dissertation, Helsinki University of Technology, Presented 23 November 2001, 36 pp.	
1R	Chambron, Jean-Claude, et al., "Rotaxanes and Other Transition Metal-Assembled Porphyrin Arrays for Long-Range Photoinduced Charge Separation", Coordination Chemistry Reviews, Vols. 178-180, 1998, pp. 1299-1312.	
1S	Lehn, Jean-Marie, "Supramolecular Chemistry-Scope and Perspectives Molecules-Super molecules-Molecular Devices", Nobel Lecture, Paris, 8 December 1987.	

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	2L				
	2M				
	2N				
	2O				
	2P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

2Q	Aviram, Arieh and Mark A. Ratner, "Molecular Rectifiers", Chemical Physics Letters, Vol. 29, No. 2, 15 November 1974, pp. 277-283.
2R	Lehn, Jean-Marie, Design of Organic Complexing Agents, Strategies Towards Properties, Institut de Chimie, Universite Louis Pasteur, Strasbourg, France, pp. 1-69.
2S	Keuhl, Christopher J., et al., "Self-Assembly of Molecular Prisms via an Organometallic 'Clip'", Organic Letters, Vol. 4, No. 6, pp. 913-915.

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	3L				
	3M				
	3N				
	3O				
	3P				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	3Q	Seto, Christopher T., et al., "Molecular Self-Assembly Through Hydrogen Bonding: Aggregation of Five Molecules to Form a Discrete Supramolecular Structure", Journal of American Chemical Society, Vol. 115, 1993, pp. 1321-1329.
	3R	Jeong, Kyu-Sung, et al., "Assembly and Binding Properties of Osmate Ester-Bridged Binuclear Macrocycles", Journal of Organic Chemistry, Vol. 64, 1999, pp. 9459-9466.
	3S	

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XIAO-AN ZHANG ET AL

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7/7/2003

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2823



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
<i>MR</i>	1A 6,947,205	9/20/2005	Zhang et al	/
	1B 6,556,470	4/29/2003	Vincent et al	
	1C 6,731,532	5/4/2004	Vincent et al	
	1D 6,876,570	4/5/2005	Vincent et al	
	1E 6,822,893	11/23/2004	Vincent et al	
	1F 6,853,577	2/8/2005	Vincent et al	
	1G 6,809,956	10/26/2004	Vincent et al	
	1H 6,674,932	1/6/2004	Zhang et al	
	1I 6,701,035	3/2/2004	Zhang et al	
	1J 6,763,158	7/13/2004	Zhang et al	
<i>MR</i>	1K 6,888,978	5/3/2005	Zhang et al	

FOREIGN PATENT DOCUMENTS

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MR R.L.

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EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
<i>JP</i>	2A 6,920,260	7/19/2005	Zhang et al	/
	2B 6,805,817	10/19/2004	Zhang et al	
	2C 6,937,357	8/30/2005	Vincent et al	
	2D 6,850,230	2/1/2005	Vincent et al	
	2E 6,940,497	9/6/2005	Vincent et al	
	2F 6,806,453	10/19/2004	Vincent et al	
	2G 6,670,981	12/30/03	Vincent et al	
	2H 6,815,706	11/9/2004	Li et al	
	2I 6,763,158	7/13/04	Zhang et al	
	2J 6,867,427	3/15/04	Zhang et al	
<i>JP</i>	2K 6,751,365	6/15/04	Zhang et al	

FOREIGN PATENT DOCUMENTS

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John Rude

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EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
<i>AK</i>	3A 6,853,478	2/8/2005	Vincent et al	/
	3B 6,795,230	9/21/2004	Vincent et al	
	3C 6,942,312	9/13/2005	Leung et al	
	3D 6,512,119	1/28/2003	Bratkovski et al	
	3E 6,624,002	9/23/2003	Bratkovski et al	
	3F 5,866,284	2/2/1999	Vincent	
	3G 6,045,955	4/4/2000	Vincent	
	3H 6,663,797	12/16/2003	Bratkovski et al	
	3I 6,757,457	6/29/2004	Zhang et al	
	3J 6,778,165	8/17/2004	Hubby et al	
<i>AK</i>	3K 6,934,424	8/23/2005	Zhang et al	

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	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
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EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
<i>RR</i>	4A 2003-0071780	4/17/2003	Vincent et al	
	4B 2004-0095309	5/20/2004	Vincent et al	
	4C 2002-0176276	11/29/2002	Zhang et al	
	4D 2004-0080804	4/29/2004	Vincent et al	
	4E 2003-0194630	10/16/2003	Beck et al	
	4F 2004-0122233	6/24/2004	Beck et al	
	4G 2004-0084661	5/6/2004	Zhang et al	
	4H 2005-0006640	1/13/2005	Jackson et al	
	4I 2005-0194526	9/8/2005	Zhou et al	
	4J 2005-0040417	2/24/2005	Li et al	
<i>RR</i>	4K 2004-0041799	3/4/2004	Vincent et al	

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<i>JR</i>	5A 2005-0084204	4/21/2005	Zhou et al	
<i>JR</i>	5B 2005-0052983	3/10/2005	Vincent et al	
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